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ABSTRACT

The Academic Common Market is an interstate agreement among Southern states for sharing academic programs. Participating states include Alabama, Arkansas, Florida, Georgia, Kentucky, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. Each state is able to make arrangements for its residents who qualify for admission to enroll in specific graduate programs in other states on an in-state tuition basis. The opportunities to residents through this program are listed in this document, state-by-state. As a result of arrangements worked out by the participating states, students entering these programs through the market will not be required to pay out-of-state tuition fees. Brief program descriptions and addresses to which inquiries about admission to programs may be sent are included. (MJM)

ED 094607

The Academic Common Market

1974-75

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
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The Academic Common Market adds a new dimension to regional cooperation in Southern higher education. In its various aspects, the Market embodies the spirit of cooperation as envisioned by the original architects of the Southern Regional Education Board. It will operate as a mechanism through which states and institutions voluntarily participate in a joint allocation of functions to avoid unnecessary duplication of programs and to assure availability and access to as many programs as are necessary in meeting the educational needs of the region's constituencies.

At its annual meeting in 1973, the Board adopted a resolution urging states and their institutions to take immediate action and approve the Market proposal. Had institutional, state, and legislative leaders not responded to this request with deliberate speed the program would not today be a reality. Their action is an indication of widespread willingness and desire to improve the quality of higher education and conserve the region's limited resources through cooperative efforts.

Preliminary preparations for the Academic Common Market were carried out under the guidance of the Commission on Regional Cooperation. During its brief year and a half history the Commission, chaired by Dr. Harry M. Philpott, President of Auburn University, has provided valuable leadership in extending regional cooperation. Dr. William E. Hovenden of the SREB staff has exerted considerable energy and resourcefulness in bringing the Market into being.

Winfred L. Godwin
President

Table of Contents

Foreword 3

Introduction 6

Opportunities for Residents of Alabama 8

Opportunities for Residents of Arkansas 11

Opportunities for Residents of Florida 13

Opportunities for Residents of Georgia 15

Opportunities for Residents of Kentucky 16

Opportunities for Residents of Maryland 17

Opportunities for Residents of Mississippi 18

Opportunities for Residents of North Carolina 19

Opportunities for Residents of South Carolina 20

Opportunities for Residents of Tennessee 22

Opportunities for Residents of Virginia 25

Opportunities for Residents of West Virginia 27

Program Notes 31

The Academic Common Market is an interstate agreement among Southern states for sharing academic programs. Participating states are able to make arrangements for their residents who qualify for admission to enroll in specific programs in other states on an in-state tuition basis. The initial arrangements have been limited to unusual graduate programs.

The Common Market concept recognizes that it is impractical to attempt development of programs in every field of knowledge — especially since there already exist in each Southern state programs, not offered in some of the others, capable of accommodating additional students. Through the sharing of such programs, the Market will assist in eliminating unnecessary duplication and increasing availability and access to programs necessary in meeting the educational needs of citizens in the participating states.

To enroll as an Academic Common Market student you must:

1) Be accepted for admission in a graduate program your state has obtained access to for its residents through the Academic Common Market. Application for admission should be made directly to the institution offering the program.

2) Obtain certification from the Common Market coordinator in your home state. Contact the coordinator for a certification form.

The graduate opportunities available to residents of Southern states through the Academic Common Market are listed on the following pages, state-by-state. As a result of arrangements worked out by the participating states, students entering these programs through the Market will not be required to pay out-of-state tuition fees.

This information is followed by program notes containing brief program descriptions and addresses to which inquiries about admission to programs should be sent.

Participation of Maryland, North Carolina, Virginia, and West Virginia is, at the time of printing, only tentative. Additional considerations and approvals are required before students will be able to enter or leave these states for programs designated for sharing through the Academic Common Market. State Coordinators will provide information on the status of these states.

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The State of **ALABAMA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Acoustical Studies, Mechanical Engineering	Master of Science Doctor of Philosophy	North Carolina State University	2
Actuarial Science	Master of Actuarial Science	Georgia State University	3
Aerospace Education	Master of Education	Middle Tennessee State University	6
African History	Doctor of Philosophy	West Virginia University	8
Agricultural Mechanizaton	Master of Agriculture	Clemson University	10
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Bioengineering	Master of Science	Clemson University	15
Biomedical Engineering	Doctor of Philosophy	University of Virginia	17
Business Administration—Transportation	Master of Business Administration Doctor of Business Administration	University of Maryland at College Park	20
Ceramic Engineering	Master of Science Master of Engineering	Clemson University	22
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Community Development	Master of Science	University of Louisville	30
Comparative Literature	Doctor of Philosophy	University of Arkansas	29
Computer Sciences	Master of Science Doctor of Philosophy	University of Maryland at College Park	31
Criminology	Master of Arts Doctor of Philosopy	Florida State University	33
Engineering Science (Bio-Medical Engineering Option)	Doctor of Philosophy	University of Tennessee	37
Expressive Therapies	Master of Arts	University of Louisville	44
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Home Economics	Doctor of Philosophy	Florida State University	51
Home Economics	Doctor of Philosophy	University of Tennessee	52
Horticulture	Master of Science Doctor of Philosophy	Mississippi State University	53
Hotel and Food Services Management	Master of Science	Florida International University	55
International Studies	Master of Arts Doctor of Philosophy	University of South Carolina	58
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Marine Science	Doctor of Philosophy	College of William and Mary	63
Music	Doctor of Musical Arts	West Virginia University	71
Music	Doctor of Philosophy	West Virginia University	72
Music Education	Doctor of Education	University of North Carolina at Greensboro	74
Music Education, Theory and Performance	Doctor of Musical Arts	University of Kentucky	75
Music Performance	Master of Music Doctor of Music	Florida State University	76
Musicology	Doctor of Philosophy	University of Kentucky	77
Natural Resouces and Environmental Economics	Master of Science Doctor of Philosophy	Clemson University	79
Nuclear Engineering	Master of Science Master of Applied Science Doctor of Philosophy	Georgia Institute of Technology	81
Nuclear Engineering	Master of Science Doctor of Philosophy	North Carolina State University	82
Nuclear Engineering	Doctor of Philosophy	University of Tennessee	83
Nuclear Engineering Sciences	Master of Engineering Master of Science Doctor of Philosophy	University of Florida	84
Nuclear Science and Engineering	Doctor of Philosophy	Virginia Polytechnic Institute & State University	85
Ocean Engineering	Master of Science Master of Engineering	Florida Atlantic University	89
Oceanography	Doctor of Philosophy	Old Dominion University	90

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Organizational Psychology	Master of Science Doctor of Philosophy	University of Tennessee	92
Performing Arts and Pedogogy	Doctor of Musical Arts	University of Southern Mississippi	93
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Philosophy	Doctor of Philosophy	University of Arkansas	96
Physical Therapy	Master of Science	Medical College of Virginia / Virginia Commonwealth University	98
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Seed Technology	Master of Science Doctor of Philosophy	Mississippi State University	104
Speech and Hearing Sciences	Doctor of Philosophy	University of Tennessee	105
Textile and Polymer Science	Doctor of Philosophy	Clemson University	107
Theatre Arts	Master of Arts Master of Fine Arts Master of Science Doctor of Philosophy	Florida State University	110
Toxicology	Master of Science Doctor of Philosophy	University of Kentucky	112
Urban and Regional Planning	Master of Science Doctor of Philosophy	Florida State University	115
Water Pollution Ecology	Doctor of Philosophy	Virginia Polytechnic Institute & State University	116
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117

The State of **ARKANSAS** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Actuarial Science	Master of Actuarial Science	Georgia State University	3
Aeronautical Systems	Master of Science	University of West Florida	4
African History	Doctor of Philosophy	West Virginia University	8
Agricultural Engineering	Doctor of Philosophy	University of Kentucky	9
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Criminal Justice and Criminology	Master of Arts	University of Maryland at College Park	32
Criminology	Master of Arts Doctor of Philosophy	Florida State University	33
Dentistry	Master of Science	University of Alabama in Birmingham	34
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
Forestry	Master of Forestry	Clemson University	48
Home Economics	Doctor of Philosophy	Florida State University	51
Home Economics	Doctor of Philosophy	University of Tennessee	52
Hospital and Health Administration	Master of Science	University of Alabama in Birmingham	54
Hotel and Food Service Management	Master of Science	Florida International University	55
Music	Doctor of Musical Arts	West Virginia University	71
Music	Doctor of Philosophy	West Virginia University	72
Musicology	Doctor of Philosophy	University of Kentucky	77
Oral Biology	Master of Science	University of Alabama in Birmingham	91
Performing Arts and Pedogogy	Doctor of Musical Arts	University of Southern Mississippi	93

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Physical Therapy	Master of Science	Medical College of Virginia/ Virginia Commonwealth University	98
Plasma Physics	Doctor of Philosophy	University of Maryland at College Park	99
Polymer Science	Master of Science Doctor of Philosophy	University of Southern Mississippi	101
Speech and Hearing Sciences	Doctor of Philosophy	University of Tennessee	105
Textile Science	Master of Science	Clemson University	109
Water Pollution Ecology	Doctor of Philosophy	Virginia Polytechnic Institute & State University	116
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117
Wood Science and Technology	Master of Science	Mississippi State University	118

The State of **FLORIDA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Acoustical Studies Mechnical Engineering	Master of Science Doctor of Philosophy	North Carolina State University	2
Actuarial Science	Master of Actuarial Science	Georgia State University	3
Bioengineering	Master of Science	Clemson University	15
Biomathematics	Master of Science Master of Biomathematics Doctor of Philosophy	North Carolina State University	16
Classics	Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coal Processing Research	Master of Science	Auburn University	27
Computer Science	Doctor of Philosophy	University of Maryland at College Park	31
Dentistry	Master of Science	University of Alabama in Brimingham	34
Engineering Science (Biomedical Engineering Option)	Doctor of Philosophy	University of Tennessee	37
Environmental Health	Master of Science	East Tennessee State University	43
Expressive Therapies	Master of Arts	University of Louisville	44
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Nutrition (Scientific)	Master of Nutrition Doctor of Philosophy	Clemson University	87
Occupational Safety and Health	Master of Science	Auburn University	88
Oral Biology	Master of Science	University of Alabama in Birmingham	91
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Public Health and Epidemiology	Master of Science	University of Alabama in Birmingham	102
Textile and Polymer Science	Doctor of Philosophy	Clemson University	107
Textile Science	Master of Science	Auburn University	108
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117

The State of **GEORGIA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Biomathematics	Master of Science Master of Biomathematics Doctor of Philosophy	North Carolina State University	16
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Criminology	Master of Arts Doctor of Philosophy	Florida State University	33
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
Neurosciences	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	80
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103

The State of **KENTUCKY** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Actuarial Science	Master of Actuarial Science	Gerogia State University	3
Aerospace Engineering	Doctor of Philosophy	University of Tennessee	7
Astronomy	Doctor of Philosophy	University of Florida	12
Biomathematics	Doctor of Philosophy	North Carolina State University	16
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Computer Science	Doctor of Philosophy	University of Maryland at College Park	31
Criminology	Doctor of Philosophy	Florida State University	33
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
Latin American Studies	Master of Arts	University of Florida	60
Nuclear Engineering	Doctor of Philosophy	Georgia Institute of Technology	81
Nuclear Engineering	Doctor of Philosophy	North Carolina State University	82
Nuclear Engineering	Doctor of Philosophy	University of Tennessee	83
Nuclear Engineering Science	Doctor of Philosophy	University of Florida	84
Plasma Physics	Doctor of Philosophy	University of Maryland at College Park	99
Public Health and Epidemiology	Master of Science Master of Public Health	University of Alabama in Birmingham	102
Textile Science	Master of Science	Auburn University	108
Textile Science	Master of Science	Clemson University	109
Theatre Art	Doctor of Philosophy	Florida State University	110
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117

The State of **MARYLAND** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Coal Processing Research	Master of Science	Auburn University	27
Forestry	Master of Forestry	Clemson University	48
Hotel and Food Service Management	Master of Science	Florida International University	55
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117

The State of **MISSISSIPPI** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Actuarial Science	Master of Actuarial Science	Georgia State University	3
African History	Doctor of Philosophy	West Virginia University	8
Biomathematics	Master of Science Master of Biomathematics Doctor of Philosophy	North Carolina State University	16
Classical Archaeology	Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coal Processing Research	Master of Science	Auburn University	27
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Home Economics	Doctor of Philosophy	Florida State University	51
Home Economics	Doctor of Philosophy	University of Tennessee	52
Hospital and Health Administration	Master of Science	University of Alabama in Birmingham	54
Nuclear Engineering	Doctor of Philosophy	Georgia Institute of Technology	81
Occupational Safety and Health	Master of Science	Auburn University	88
Ocean Engineering	Master of Science Master of Engineering	Florida Atlantic University	89
Oceanography	Doctor of Philosophy	Old Dominion University	90
Plasma Physics	Doctor of Philosophy	University of Maryland at College Park	99
Public Health and Epidemiology	Master of Science Master of Public Health	University of Alabama in Birmingham	102
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Textile Science	Master of Science	Auburn University	108

The State of **NORTH CAROLINA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Ceramic Engineering	Master of Science Master of Engineering	Clemson University	22
City Management	Master of City Management	East Tennessee State University	24
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Criminology	Master of Arts Doctor of Philosophy	Florida State University	33
Expressive Therapies	Master of Arts	University of Louisville	44
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
International Studies	Master of Arts Doctor of Philosophy	University of South Carolina	58
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Ocean Engineering	Master of Science Master of Engineering	Florida Atlantic University	89
Oceanography	Doctor of Philosophy	Old Dominion University	90
Organizational Psychology	Master of Science Doctor of Philosophy	University of Tennessee	92
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Toxicology	Master of Science	Auburn University	111

The State of **SOUTH CAROLINA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Acoustical Studies, Mechanical Engineering	Master of Science Doctor of Philosophy	North Carolina State University	2
Actuarial Science	Master of Actuarial Science	Georgia State University	3
Aeronautical Systems	Master of Science	University of West Florida	4
Aerospace and Aeropnysics Engineering	Master of Science Doctor of Philosophy	Mississippi State University	5
Aerospace Education	Master of Education	Middle Tennessee State University	6
Aerospace Engineering	Doctor of Philosophy	University of Tennessee	7
African History	Doctor of Philosophy	West Virginia University	8
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Aviation Systems	Master of Science	University of Tennessee	13
Behavioral Biology	Doctor of Philosophy	West Virginia University	14
Chemistry	Doctor of Arts	University of Mississippi	23
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coal Processing Research	Master of Science	Auburn University	27
Criminal Justice and Criminology	Master of Arts	University of Maryland at College Park	32
Criminology	Master of Arts Doctor of Philosophy	Florida State University	33
Ecology	Doctor of Philosophy	University of Georgia	35
English	Doctor of Arts	University of Mississippi	38
English	Doctor of Arts	Middle Tennessee State University	39
Expressive Therapies	Master of Arts	University of Louisville	44
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
History	Doctor of Arts	Middle Tennessee State University	50

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Home Economics	Doctor of Philosophy	Florida State University	51
Home Economics	Doctor of Philosophy	University of Tennessee	52
Hotel and Food Service Management	Master of Science	Florida International University	55
Industrial Design	Master of Science	Auburn University	57
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Music	Doctor of Arts	University of Mississippi	70
Music Education	Specialist Degree	University of Southern Mississippi	73
Musicology	Doctor of Philosophy	University of Kentucky	77
Nuclear Engineering	Master of Science Master of Applied Science Doctor of Philosophy	Georgia Institute of Technology	81
Nuclear Engineering	Doctor of Philosophy	University of Tennessee	83
Nuclear Engineering Sciences	Master of Engineering Master of Science Doctor of Philosophy	University of Florida	84
Nuclear Science and Engineering	Doctor of Philosophy	Virginia Polytechnic Institute & State University	85
Oral Biology	Master of Science	University of Alabama in Birmingham	91
Organizational Psychology	Master of Science Doctor of Philosophy	University of Tennessee	92
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Physical Education	Doctor of Arts	Middle Tennessee State University	97
Physical Therapy	Master of Science	Medical College of Virginia Virginia Commonwealth University	98
Political Science	Doctor of Arts	University of Mississippi	100
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Speech and Hearing Sciences	Doctor of Philosophy	University of Tennessee	105
Theatre Arts	Doctor of Philosophy	Florida State University	110

The State of **TENNESSEE** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Actuarial Science	Master of Actuarial Science	Georgia State University	3
African History	Doctor of Philosophy	West Virginia University	8
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Biomathematics	Master of Science Master of Biomathematics Doctor of Philosophy	North Carolina State University	16
Biometry	Master of Science	Medical University of South Carolina	18
Ceramic Engineering	Master of Science Master of Engineering	Clemson University	22
Chemistry	Doctor of Arts	University of Mississippi	23
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25
Coal Processing Research	Master of Science	Auburn University	27
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Community Development	Master of Science	University of Louisville	30
Comparative Literature	Doctor of Philosophy	University of Arkansas	29
Computer Science	Doctor of Philosophy	University of Maryland at College Park	31
Criminology	Doctor of Philosophy	Florida State University	33
Expressive Therapies	Master of Arts	University of Louisville	44
Fisheries and Allied Aquacultures	Doctor of Philosophy	Auburn University	46
Hospital and Health Administration	Master of Science	University of Alabama in Birmingham	54
Hotel and Food Service Management	Master of Science	Florida International University	55
Industrial Design	Master of Science	Auburn University	57
International Studies	Master of Arts Doctor of Philosophy	University of South Carolina	58

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Latin American Studies	Master of Arts	University of Alabama	59
Latin American Studies	Master of Arts	University of Florida	60
Marine Biology	Master of Science	University of Southern Mississippi	61
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Marine Science	Doctor of Philosophy	College of William and Mary	63
Materials Science	Master of Science Doctor of Philosophy	University of Virginia	64
Mineral Engineering	Master of Science	University of Alabama	69
Music	Doctor of Arts	University of Mississippi	70
Music	Doctor of Musical Arts	West Virginia University	71
Music	Doctor of Philosophy	West Virginia University	72
Music Education	Specialist Degree	University of Southern Mississippi	73
Music Education	Doctor of Education	University of North Carolina at Greensboro	74
Music Education, Theory and Performance	Doctor of Musical Arts	University of Kentucky	75
Music Performance	Doctor of Music	Florida State University	76
Musicology	Doctor of Philosophy	University of Kentucky	77
Neurosciences	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	80
Occupational Safety and Health	Master of Science	Auburn University	88
Ocean Engineering	Master of Science Master of Engineering	Florida Atlantic University	89
Oceanography	Doctor of Philosophy	Old Dominion University	90
Performing Arts and Pedogogy	Doctor of Musical Arts	University of Southern Mississippi	93
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Physical Therapy	Master of Science	Medical College of Virginia/ Virginia Commonwealth University	98
Political Science	Doctor of Arts	University of Mississippi	100

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Seed Technology	Master of Science Doctor of Philosophy	Mississippi State University	104
Systems Science	Master of Science	University of Louisville	106
Textile Science	Master of Science	Clemson University	109
Theatre Arts	Doctor of Philosophy	Florida State University	110
Toxicology	Master of Science	Auburn University	111
Toxicology	Master of Science Doctor of Philosophy	University of Kentucky	112
Urban and Regional Planning	Doctor of Philosophy	Florida State University	115
Water Pollution Ecology	Doctor of Philosophy	Virginia Polytechnic Institute & State University	116
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117

The State of **VIRGINIA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Actuarial Science	Master of Actuarial Science	Georgia State University	3
African History	Doctor of Philosophy	West Virginia University	8
Agricultural Engineering	Doctor of Philosophy	University of Kentucky	9
Business Administration—Transportation	Master of Business Administration Doctor of Business Administration	University of Maryland at College Park	20
Criminal Justice and Criminology	Master of Arts	University of Maryland at College Park	32
Criminology	Master of Arts Doctor of Philosophy	Florida State University	3
Dentistry	Master of Science	University of Alabama in Birmingham	34
Environmental Health	Master of Science	East Tennessee State University	43
Expressive Therapies	Master of Arts	Univeristy of Louisville	44
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45
Hotel and Food Service Management	Master of Science	Florida International University	55
Immunology	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	56
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Metallurgical Engineering	Doctor of Philosophy	University of Tennessee	66
Music	Doctor of Musical Arts	West Virginia University	70
Music	Doctor of Philosophy	West Virginia University	71
Music Education	Doctor of Education	University of North Carolina at Greensboro	74
Music Education, Theory and Performance	Doctor of Musical Arts	University of Kentucky	75
Music Performance	Doctor of Music	Florida State University	76

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Musicology	Doctor of Philosophy	University of Kentucky	77
Neurosciences	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	80
Occupational Safety and Health	Master of Science	Auburn University	88
Oral Biology	Master of Science	University of Alabama in Birmingham	91
Organizational Psychology	Master of Science Doctor of Philosophy	University of Tennessee	92
Performing Arts and Pedogogy	Doctor of Musical Arts	University of Southern Mississippi	93
Petroleum Engineering	Master of Science Doctor of Philosophy	Mississippi State University	94
Public Health and Epidemiology	Master of Science Master of Public Health	University of Alabama in Birmingham	102
Textile and Polymer Science	Doctor of Philosophy	Clemson University	107
Textile Science	Master of Science	Clemson University	109
Theatre Arts	Doctor of Philosophy	Florida State University	110
Transportation	Master of Arts Master of Science and Commerce Doctor of Philosophy	University of Alabama in Birmingham	113
Transportation and Logistics	Master of Business Administration	University of Tennessee	114
Urban and Regional Planning	Doctor of Philosophy	Florida State Univeristy	115

The State of **WEST VIRGINIA** has made arrangements for its residents to have access to the following programs through the Academic Common Market

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Accounting	Doctor of Philosophy	University of Arkansas	1
Acoustical Studies, Mechanical Engineering	Master of Science Doctor of Philosophy	North Carolina State University	2
Actuarial Science	Master of Actuarial Science	Georgia State University	3
Aeronautical Systems	Master of Science	University of West Florida	4
Aerospace Education	Master of Education	Middle Tennessee State University	6
Agricultural Engineering	Doctor of Philosophy	University of Kentucky	9
Agricultural Mechanization	Master of Agriculture	Clemson University	10
Animal Physiology	Master of Science Doctor of Philosophy	Clemson University	11
Astronomy	Master of Science Doctor of Philosophy	University of Florida	12
Aviation Systems	Master of Science	University of Tennessee	13
Bioengineering	Master of Science	Clemson University	15
Biomathematics	Master of Science Master of Biomathematics Doctor of Philosophy	North Carolina State University	16
Biomedical Engineering	Doctor of Philosophy	University of Virginia	17
Biometry	Master of Science	Medical University of South Carolina	18
Biophysical Sciences	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	19
Business Statistics and Data Processing	Master of Business Administration Doctor of Business Administration	Mississippi State University	21
Ceramic Engineering	Master of Science Master of Engineering	Clemson University	22
City Management	Master of City Management	East Tennessee State University	24
Classics	Master of Arts Doctor of Philosophy	University of North Carolina at Chapel Hill	25

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Clinical Biochemistry	Doctor of Philosophy	Medical University of South Carolina	26
Coastal and Oceanographic Engineering	Doctor of Philosophy	University of Florida	28
Comparative Literature	Doctor of Philosophy	University of Arkansas	29
Community Development	Master of Science	University of Louisville	30
Computer Science	Master of Science Doctor of Philosophy	University of Maryland at College Park	31
Criminology	Master of Arts Doctor of Philosophy	Florida State University	33
Ecology	Doctor of Philosophy	University of Georgia	35
Electro Magnetic Theory	Doctor of Philosophy	University of Mississippi	36
Entomology	Master of Science Doctor of Philosophy	Auburn University	40
Entomology	Master of Science Doctor of Philosophy	Clemson University	41
Entomology	Doctor of Philosophy	Virginia Polytechnic Institute & State University	42
Environmental Health	Master of Science	East Tennessee State University	43
Expressive Therapies	Master of Arts	University of Louisville	44
Fiber and Polymer Science	Doctor of Philosophy	North Carolina State University	45
Fisheries and Allied Aquacultures	Master of Science Doctor of Philosophy	Auburn University	46
Food Systems Administration	Master of Science	University of Tennessee	47
Home Economics	Doctor of Philosophy	Florida State University	51
Home Economics	Doctor of Philosophy	University of Tennessee	52
Horticulture	Master of Science Doctor of Philosophy	Mississippi State University	53
Hospital and Health Administration	Master of Science	University of Alabama in Birmingham	54
Hotel and Food Services Management	Master of Science	Florida International University	55
Immunology	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	56

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Industrial Design	Master of Science	Auburn University	57
Latin America Studies	Master of Arts	University of Alabama	59
Latin American Studies	Master of Arts	University of Florida	60
Marine Biology	Master of Science	University of Southern Mississippi	61
Marine Law and Science	Master of Marine Law and Science	University of Mississippi	62
Marine Science	Doctor of Philosophy	College of William and Mary	63
Materials Science	Master of Science Doctor of Philosophy	University of Virginia	64
Metallurgical Engineering and Materials Science	Master of Science Doctor of Philosophy	University of Kentucky	67
Microbiology/Anaerobic Organisms	Doctor of Philosophy	Virginia Polytechnic Institute & State University	68
Mycology-Mycotoxicology	Doctor of Philosophy	Auburn University	78
Natural Resources and Environmental Economics	Master of Science Doctor of Philosophy	Clemson University	79
Neurosciences	Master of Science Doctor of Philosophy	University of Alabama in Birmingham	80
Nuclear Engineering	Master of Science Master of Applied Science Doctor of Philosophy	Georgia Institute of Technology	81
Nuclear Engineering	Master of Science Doctor of Philosophy	North Carolina State University	82
Nuclear Engineering	Doctor of Philosophy	University of Tennessee	83
Nuclear Engineering Sciences	Master of Engineering Master of Science Doctor of Philosophy	University of Florida	84
Nuclear Science and Engineering	Doctor of Philosophy	Virginia Polytechnic Institute & State University	85
Nursing	Master of Science	University of Maryland at Baltimore	86
Nutrition	Master of Nutrition Doctor of Philosophy	Clemson University	87
Occupational Safety and Health	Master of Science	Auburn University	88
Ocean Engineering	Master of Engineering Master of Science	Florida Atlantic University	89

PROGRAM	DEGREE	INSTITUTION	SEE PROGRAM NOTES
Oceanography	Doctor of Philosophy	Old Dominion University	90
Oral Biology	Master of Science	University of Alabama in Birmingham	91
Physical Therapy	Master of Science	Medical College of Virginia/ Virginia Commonwealth University	98
Plasma Physics	Doctor of Philosophy	University of Maryland at College Park	99
Polymer Science	Master of Science Doctor of Philosophy	University of Southern Mississippi	101
Public Health and Epidemiology	Master of Public Health Master of Science	University of Alabama in Birmingham	102
Radio Astronomy	Doctor of Philosophy	University of Maryland at College Park	103
Seed Technology	Master of Science Doctor of Philosophy	Mississippi State University	104
Speech and Hearing Sciences	Doctor of Philosophy	University of Tennessee	105
Systems Science	Master of Science	University of Louisville	106
Textile and Polymer Science	Doctor of Philosophy	Clemson University	107
Textile Science	Master of Science	Auburn University	108
Textile Science	Master of Science	Clemson University	109
Toxicology	Master of Science	Auburn University	111
Toxicology	Masterof Science Doctor of Philosophy	University of Kentucky	112
Transportation and Logistics	Master of Business Administration	University of Tennessee	114
Urban and Regional Planning	Master of Science Doctor of Philosophy	Florida State University	115
Water Pollution Ecology	Doctor of Philosophy	Virginia Polytechnic Institute & State University	116
Wood and Paper Science	Master of Science Doctor of Philosophy	North Carolina State University	117
Wood Science and Technology	Master of Science	Mississippi State University	118

Program Notes

1. Accounting — University of Arkansas. The program is designed primarily to prepare an individual for an academic career at the college or university level, although the program also will provide a thorough background for the application of administrative sciences in non-academic settings. Direct inquiries to Dean, College of Business Administration, University of Arkansas, Fayetteville, Arkansas 72701.

2. Acoustical Studies, Mechanical Engineering — North Carolina State University. The program, administered by the Center for Acoustical Studies within the Mechanical and Aerospace Engineering Department, is devoted to teaching, research, and extension in 1) noise and vibration studies, 2) hearing conservation and noise control, and 3) the physiological and psychological effect of noise. Research facilities include the following laboratories: Subjective Noise Response, Vibration and Noise Testing, Machine Noise, Neuropsychology, Reverberation and Anechoic Facilities, Underwater Acoustics and Audiometric Testing Rooms. Direct inquiries to Center for Acoustical Studies, North Carolina State University, Box 5801, Raleigh, North Carolina 27607.

3. Actuarial Science — Georgia State University. The program has a two-fold objective: 1) the preparation of students for a meaningful and productive career in the actuarial profession; the curriculum emphasizes the technical aspects of actuarial work as well as course work covering basic business disciplines such as finance, accounting and economics, and 2) the preparation of degree candidates for the professional examinations of the Society of Actuaries or the Casualty Actuarial Society. Direct inquiries to Actuarial Science Advisor, Department of Insurance, Georgia State University, Atlanta, Georgia 30303.

4. Aeronautical Systems — University of West Florida. Although the curriculum is built around aeronautical subjects, the techniques learned are broadly applicable; many of the group efforts are in other than aeronautical subjects. Core courses include Advanced Mathematics for Engineers and Scientists, Aerospace Medicine and Human Factors or Human Engineering in Equipment Design, Elements of Operations Research/Systems Analysis, and Operations Research/Resource Management. Applicants must hold an undergraduate degree in mathematics, engineering, a physical science, or chemistry, and have a course completed in differential equations. Direct inquiries to Chairman, Faculty of Aeronautical Systems, The University of West Florida, Pensacola, Florida 32504.

5. Aerospace and Aerophysics Engineering — Mississippi State University. The curriculum is based on strong work in the physical and engineering sciences and mathematics. Major areas of emphasis in the curriculum are fluid mechanics, flight mechanics, structures and design. Direct inquiries to Head, Department of Aerospace and Aerophysics Engineering, Mississippi State University, Mississippi State, Mississippi 39762.

6. Aerospace Education — Middle Tennessee State University. The Master of Education degree with a major in Aerospace Education and a minor in Aerospace was designed to help teachers keep up with the latest developments in the aerospace industry. There are two required workshops in which specialists at the elementary school, middle school, and high school levels show individuals the most effective ways of including aerospace materials in their classes. Direct inquiries to Director, Aerospace Education Program, Education Department, Middle Tennessee State University, Murfreesboro, Tennessee 37130.

7. Aerospace Engineering — University of Tennessee. The program provides graduate study and research opportunities in the engineering aspects of subsonic, transsonic, and supersonic flights, plus interdisciplinary studies related to such programs. Courses available include aspects of flow, propulsion, atmospheric entry, gas dynamics, magnetophydrodynamics, and aerospace vehicle studies. Direct inquiries to Chairman, Department of Aerospace Engineering, University of Tennessee, Knoxville, Tennessee 37916.

8. African History — West Virginia University. The primary objective is to produce well trained scholars capable of teaching at the college and university level and undertaking scholarly research in African History. Since the University has had lengthy experience in working to promote agricultural development in East Africa, the program has sought to take advantage of this by focusing on East Africa and its agricultural history. Swahili is offered as a research tool. Direct inquiries to Chairman, Department of History, West Virginia University, Morgantown, West Virginia 26506.

9. Agricultural Engineering — University of Kentucky. The program provides specialized education in the physical, mathematical, and biological sciences. Graduates are prepared for research and education in the agricultural industry, industries which supply agriculture, universities, and government service. The department offers advanced courses and research opportunities in the processing of agricultural products, agricultural waste, mathematical modeling, plant and animal environment, hydrology, and soil-plant-machine relationships. Direct inquiries to Chairman, Department of Agricultural Engineering, University of Kentucky, Lexington, Kentucky 40506.

10. Agricultural Mechanization — Clemson University. The program provides graduate level professional training in mechanization principles and procedures as related to agriculture. The program is administered by the Department of Agricultural Engineering and is open to both recent agricultural graduates and to managers, consultants, and advisers of agricultural enterprises. Direct inquiries to Chairman, Department of Agricultural Engineering, Clemson University, Clemson, South Carolina 29631.

11. Animal Physiology — Clemson University. The program is an interdepartmental one utilizing staff and facilities primarily in the Departments of Animal Science, Dairy Science, Entomology and Economic Zoology, Poultry Science, and Zoology. Courses in general physiology are available but greatest research emphasis is in reproductive physiology. Direct inquiries to Chairman, Animal Physiology Program, 130 P and AS Building, Clemson University, Clemson, South Carolina 29631.

12. Astronomy — University of Florida. The objective of the program is to prepare students, preferably at the doctoral level, for a career in research, teaching, or combined teaching and research in the field of astronomy or astrophysics. Areas of specialty for dissertations include observational and theoretical work on close double stars, photography of quasars, planetary radio astronomy, extra-galactic radio astronomy and cosmology. Direct inquiries to Chairman, Department of Astronomy, University of Florida, Gainesville, Florida 32611.

13. Aviation Systems — University of Tennessee. The program is an interdisciplinary one offered at the University of Tennessee Space Institute. The program is designed for persons with bachelor's degrees in engineering or science who wish to prepare for careers in research, development, or administration in aviation systems. Aviation systems is defined to include aircraft performance, air traffic control systems, airport and auxiliary transportation development, along with relevant economics and political factors. Direct inquiries to Director, Aviation Systems Program, College of Engineering, University of Tennessee, Knoxville, Tennessee 37916.

14. Behavioral Biology — West Virginia University. Course work includes Behavior of Organisms, Animal Behavior, and Behavioral Ecology in addition to more standard course work in cellular and molecular biology, developmental biology and physiology, environmental biology, and evolutionary and systematic biology. Direct inquiries to Chairman, Department of Biology, West Virginia University, Morgantown, West Virginia 26506.

15. Bioengineering — Clemson University. The program is devoted to the application of engineering science to the problems of medical research. The principal thrust of this program is in the area of biomaterials and includes the development and evaluation of prosthetic materials, the physical and mechanical behavior of tissues considered as engineering materials, corrosion and the physiological response of the host to foreign materials. Closely coupled with this effort is a strong emphasis on artificial organ development and evaluation. Direct inquiries to Bioengineering Advisor, Clemson University, Clemson, South Carolina 29631.

16. Biomathematics — North Carolina State University. Generally, biomathematics is considered to be the application of mathematics to biology. This program centers more in the area of the mathematical modeling of the behavior of a biological system. Primary object is to train, at the pre- and post-doctoral levels, self-reliant scientists competent for research, teaching and consulting in applications of mathematics to biology. Direct inquiries to Director, Biomathematics Program, Department of Statistics, North Carolina State University, Raleigh, North Carolina 27607.

17. Biomedical Engineering — University of Virginia. The program is designed to achieve competencies in 1) analysis of biological systems and their control mechanisms with emphasis on the development of quantitative performance indicators, 2) biomedical technology, 3) theoretical biology and biomathematics, and 4) analysis of social systems with particular emphasis on the design and evaluation of health care systems as a function of their socioeconomic and cultural environment. Direct inquiries to Chairman, Division of Biomedical Engineering, Box 224 Medical Center, University of Virginia, Charlottesville, Virginia 22901.

18. Biometry — Medical University of South Carolina. The program provides a full spectrum of educational and experience opportunities in statistical methods for the design and analysis of research in the basic sciences, clinical care of patients and community health studies, health services research and evaluation, the planning of evaluation of health education, the establishment and use of computer based information systems, the optimization of health care delivery systems, and planning and review techniques in health service systems. The vehicle for this program is didactic work, faculty supervised participation in ongoing health care and research programs, and independent research. Direct inquiries to Chairman, Department of Biometry, College of Graduate Studies, Medical University of South Carolina, 80 Barre Street, Charleston, South Carolina 29401.

19. Biophysical Sciences — University of Alabama, Birmingham. The interdisciplinary program of the Division of Biophysical Sciences consists of an individually selected combination, for each student, of training in at least two of the divisional departments (Biomathematics, Biostatistics, Information Sciences). The emphasis of all three specific disciplines is the scientific utilization of information, particularly in the fields of medicine and biology. Direct inquiries to Director, Division of Biophysical Sciences, University of Alabama in Birmingham, Birmingham, Alabama 35294.

20. Business Administration — Transportation — University of Maryland, College Park. The program includes basic courses in motor, water, and air transportation. More advanced courses and research are available in transportation, and the management of transportation networks. Direct inquiries to Chairman, Department of Transportation, School of Business Administration, University of Maryland, College Park, Maryland 20742.

21. Business Statistics and Data Processing — Mississippi State University. The objective of the program is to prepare students for careers in the fields of business data processing and quantitative analysis. Emphasis is on principles, methods, models and systems for producing useful information for management decision making and control. Direct inquiries to Head, Department of Business Statistics and Data Processing, Drawer DB, Mississippi State University, Mississippi State Mississippi 39762.

22. Ceramic Engineering — Clemson University. The program is intended for students with undergraduate backgrounds in engineering, physics, chemistry, and geology. The major unusual feature of the program is its emphasis on training industrial ceramists. Course work is related to materials, material reactions and utilization of these materials to produce ceramic products with the desired engineering properties. Direct inquiries to Dean, College of Engineering, Clemson University, Clemson, South Carolina 29631.

23. Chemistry — University of Mississippi. The program has been designed to prepare college teachers who possess a comprehensive knowledge of chemistry and an ability to operate effectively as classroom teachers. Unlike the Doctor of Philosophy degree in which the primary emphasis is placed upon research, the Doctor of Arts degree places stress upon the breadth of the candidate's knowledge and the attainment of teaching skills. Direct inquiries to Chairman, Deparment of Chemistry, University of Mississippi, University, Mississippi 38677.

24. City Management — East Tennessee State University. The program is for students preparing for careers in City Management. A total of seventy-two quarter hours is required: forty-eight hours in course work and eighteen hours in internship in a city with a trained city manager or administrator for on-the-job experience. Direct inquiries to Chairman, Department of Political Science, East Tennessee State University, Johnson City, Tennessee 37601.

25. Classics — University of North Carolina, Chapel Hill. The primary objective of the program is to train teachers at all levels of classical civilization and humanities, classical archaeology, Greek, Latin, medieval Latin, and classical linguistics. The program provides a supervised introduction to teaching. Direct inquiries to Chairman, Classics Department, University of North Carolina, Chapel Hill, North Carolina 27514.

26. Clinical Biochemistry — Medical University of South Carolina. The basic purpose of this program is to adequately prepare individuals in the basic principles of biochemistry and analytical biochemistry as applied to problems in clinical medicine. Individuals so trained should be capable of directing the operation (technical) of a clinical chemistry laboratory and to perform as a consultant (professional) to the clinician responsible for patient care. Direct inquiries to Director, Clinical Biochemistry Program, Medical University of South Carolina, Charleston, South Carolina 29401.

27. Coal Processing Research — Auburn University. The objective of the program is advanced studies relating to coal processing. The program is based upon the requirements for a basic graduate degree in Chemistry or Chemical Engineering. Research is conducted in the Coal Processing Laboratory under the direction of an active member of the Coal Research Group. Each student's program is prepared on an individual basis but would include advanced physical and organic chemistry, thermodynamics, reaction kinetics and transport phenomena. Direct inquiries to Chairman, Department of Chemical Engineering, Auburn University, Auburn, Alabama 36830.

28. Coastal and Oceanographic Engineering — University of Florida. The program is directed toward the education of professional engineers with the capability of dealing with the engineering problems associated with two unusual environments: the land-sea or coastal interface and the ocean. The academic program is centered around a series of courses in each of the following areas: wave theory, estuarial hydromechanics, coastal structures, littoral processes, and air-sea interaction. Direct inquiries to Chairman, Department of Civil and Coastal Engineering, University of Florida, Gainesville, Florida 32611.

29. Comparative Literature — University of Arkansas. The program aims to train teachers in the methods of comparative literature and to give them a basic knowledge of the main movements in Western literature as well as a specialty, and at the same time to assure that all graduates are capable of teaching at least one foreign language. Fields of concentration will be offered in English, French, German, Spanish, classics, and world literature. Direct inquiries to Chairman, Department of Comparative Literature, University of Arkansas, Fayetteville, Arkansas 72701.

30. Community Development — University of Louisville. The program is offered by the Institute of Community Development, which is designed to produce generalists with knowledge of the influences shaping today's small and large size communities and the necessary knowledge and skills to recognize and positively maximize the forces of change. Aimed primarily at the person already involved in, or committed to public or quasi-public service, the program also is useful to persons engaged in the private sector with a deep continuing concern with community development. Direct inquiries to Director, Institute of Community Development, University of Louisville, Louisville, Kentucky 40208.

31. Computer Science — University of Maryland, College Park. The program offers specializations in applications, computer systems, language and information processing, numerical analysis, and theory of computing. Direct inquiries to Chairman, Department of Computer Science, University of Maryland, College Park, Maryland 20742.

32. Criminal Justice and Criminology — University of Maryland, College Park. The program is intended to prepare students for reseach, teaching and professional employment in the operational agencies in the field of crimial justice. It combines an intensive background in a social science discipline such as Sociology, Psychology, or Public Administration with graduate-level study of selected aspects of the criminal justice field. Direct inquiries to Director, Criminal Justice and Criminology Program, University of Maryland, College Park, Maryland 20742.

33. Criminology — Florida State University. The program is designed primarily for persons interested in academic and scholarly careers in criminology, which is regarded as an interdisciplinary field of study that draws upon the knowledge and skills of many disciplines as they relate to the phenomenon of crime. The faculty of the School represents the academic disciplines of sociology, psychology, law, political science ,anthropology and economics. Direct inquiries to Dean, School of Criminology, Florida State University, Tallahassee, Florida 32306.

34. Dentistry — University of Alabama, Birmingham. The program offers opportunities for advanced clinical specialty training and research leading to the degree of M.S. in Dentistry. This graduate work in dentistry is offered to meet two areas of need. The first is the preparation of qualified teachers and investigators in the various branches of academic dentistry; the second is the preparation of fully trained dental specialists. It is a combination of the conventional work for the master of science degree plus the achievement of proficiency in some phase of clinical dentistry. To be eligible for enrollment in this program the applicant must be a graduate of an accredited school of dentistry. Direct inquiries to Dean, School of Dentistry, University of Alabama in Birmingham, University Station, Birmingham, Alabama 35294.

35. Ecology — University of Georgia. This interdisciplinary program is designed to provide students in-depth training in modern ecology. A core sequence of courses in population, community and systems ecology, or their equivalent is required of all students. These courses emphasize the dynamic relationships of ecological systems. Major emphasis in the program is on the thesis research problem. The student is assisted by an Advisory Committee and is expected to produce a detailed ecological analysis which is an original contribution to ecological science. Institute laboratories on the campus, at the Savannah River Ecology Laboratory, and elsewhere, provide unusual opportunities for ecological training. Direct inquiries to Director, Institute of Ecology, University of Georgia, Athens, Georgia 30602.

36. Electro Magnetic Theory — University of Mississippi. The program is designed to prepare persons for a teaching career or a research career in industry in the areas of micro wave systems, antenna theory, scattering and defraction theory, and wave propagation. Admission is open to students who have an undergraduate concentration in electrical engineering, physics, or mathematics. Direct inquiries to Chairman, Department of Electrical Engineering, University of Mississippi, University, Mississippi 38677.

37. Engineering Science (Biomedical Engineering Option) — University of Tennessee. The program is designed specifically for the engineering student who desires a broad interdisciplinary training rather than one limited primarily to a specific engineering field. Included is an option in biomedical engineering which provides training and research in modern aspects of the applications of engineering to medicine and biomedical sciences. In particular, several professors in the areas of chemical engineering, electrical engineering, mechanical engineering, and engineering mechanics all contribute to these interdisciplinary studies. Direct inquiries to Head, Department of Engineering Science and Mechanics, University of Tennessee, Knoxville, Tennessee 37916.

38. English — University of Mississippi. The program has been designed to prepare college teachers who possess a comprehensive knowledge of the English language and literature and an ability to operate effectively as classroom teachers. Unlike the Doctor of Philosophy degree in which the primary emphasis is placed upon research, the Doctor of Arts degree program places stress upon the breadth of the candidate's knowledge and the attainment of teaching skills; no dissertation is required. The student must also complete an internship under the supervision of the English department faculty. Direct inquiries to Chairman, Department of English, University of Mississippi, University, Mississippi 38677.

39. English — Middle Tennessee State University. The Doctor of Arts degree is specifically designed to train individuals to teach at the undergraduate level. Each individual must take internships for two semesters in order to demonstrate his ability to teach. These are supervised by professors from the major department and from higher education. Direct inquiries to Chairman, Department of English, Middle Tennessee State University, Murfreesboro, Tennessee 37130.

40. Entomology — Auburn University. A principal objective of the program is to achieve control of insect pests through integrated efforts with minimal use of insecticides. Emphasis is in the area of insect physiology, particularly sex pheromones. Basic and applied research on sex pheromones and juvenile hormones is being purused. Direct inquiries to Chairman, Department of Zoology-Entomology, Auburn University, Auburn, Alabama 36830.

41. Entomology — Clemson University. Major emphasis is placed on economic aspects of entomology. Research problems range from the molecular level to the ecology of populations. A student in entomology may select his training from a wide range of courses and research programs to fit his needs for a career in many areas of professional entomology, including research, teaching, industry and extension work. This is considered an "applied" program with strength in all insect problems related to all major crops of the Southeast. Direct inquiries to Chairman, Department of Entomology, Clemson University, Clemson, South Carolina 29631.

42. Entomology — Virginia Polytechnic Institute and State University. Graduate course work in entomology includes various phases of the study of insects and related arthropods. Emphasis in these courses is directed toward fundamental principles that will prepare students for teaching or research in mathematics, chemistry, and physics. The research programs include ecology and population dynamics of insects; insect genetics and cytogenetics; insect toxicology; biological

control; insect resistance to insecticides; studies on the external parasites of livestock and poultry; insect behavior; morphology; taxonomy and biology of scale insects; insect biochemistry, neurophysiology of insects; insect-host plant relationships; and biology and control of insects important to agricultural crops and forests. Direct inquiries to Chairman, Department of Entomology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

43. Environmental Health — East Tennessee State University. The program offers specialization in the areas of General Environmental Health, Environmental Health Administration, Air Pollution Control, Water Pollution Control, Solid Waste Management, and Institutional Health. The objectives are to prepare professional environmentalists and sanitarians to serve as administrators and managers of environmental health programs for local, state, and federal agencies, as well as industry, and to prepare specialists in air, water, solid waste, and institutional control. Direct inquiries to Chairman, Department of Environmental Health, College of Health, East Tennessee State University, Johnson City, Tennessee 37601.

44. Expressive Therapies — University of Louisville. The program is offered through the Institute of Expressive Therapies. During the first year emphasis is placed on theoretical foundations, although exposure to and assistance in the Art Therapy process is available through the Therapeutical Arts Clinic situated within the Institute. Students are introduced to a variety of therapeutic and learning models. Intensive study in graphic development, formal and constant analysis of deviant production, theories of creativity, symbolism, projective techniques and operational models for Art Therapy through manipulation of media dimension variables is culminated in original research by each student. Direct inquiries to Institute of Expressive Therapies, University of Louisville, 129 East Broadway, 3rd Floor, Louisville, Kentucky 40202.

45. Fiber and Polymer Science — North Carolina State University. The program is intended to prepare qualified graduates for research and teaching in that aspect of materials science dealing with polymers, fibers and the structures that can be formed from them. The School of Textiles offers a range of courses such as Chemistry of Fibers, Fiber Formation — Theory and Practice, Physical Chemistry of High Polymers-Bulk Properties, Mechanics of Yarn Formation, Mechanical and Rheological Properties of Fibrous Material, Organic Chemistry of High Polymers, Special Topics in Polymer Science, Theory of Dyeing, Physical Chemistry of High Polymers — Solution Properties, Advanced Microscopy, Structural and Physical Properties of Fibers, Special Topics in Fiber Science, Resinography, Polymers, Surfactants and Colloidal Materials and Diffusion in Polymers. Direct inquiries to Chairman, Graduate Studies Committee, Fiber and Polymer Science Program, School of Textiles, North Carolina State University, Raleigh, North Carolina 27607.

46. Fisheries and Allied Aquacultures — Auburn University. The program offers twenty-two graduate-level courses in various aspects of fisheries and aquacultures: Aquaculture, Aquatic Ecology, Fisheries Biology, Fisheries Management, Fish Pathology, Fish Processing and Technology, Ichthyology and Research Methodology. Field facilities consist of 289 earthen ponds with a total surface area of approximately 200 acres, 92 concrete ponds, and over 300 plastic pools. Direct inquiries to Chairman, Department of Fisheries and Allied Aquacultures, Auburn University, Auburn, Alabama 36830.

47. Food Systems Administration — University of Tennessee. The program provides training for effective utilization of management resources in the administration of food service systems. Graduates are needed as instructors in dietetics programs, food and lodging programs in community colleges and as administrators in food service industry. Content areas include Manpower Planning and Training for the Food Service Industry, Quantitative Methods to Control Resources in Food Service Systems, Food Systems Evaluation, Financial Management of Food Systems Research, Experimental Quality Food Study, Personnel Development, Design and Layout of Food Service Systems, and Lodging Informational Systems. Direct inquiries to Chairman, Department of Food Science and Food Systems Administration, College of Home Economics, University of Tennessee, Knoxville, Tennessee 37916.

48. Forestry — Clemson University. A non-thesis Master's degree program planned for specialization within forest management or wood utilization. The program is particularly helpful for the practicing forester who wishes to return to college for up-dating and specialization. Direct inquiries to Dean, College of Forest and Recreation Resources, Clemson University, Clemson, South Carolina 29631.

49. History — Middle Tennessee State University. The Doctor of Arts degree is specifically designed to train individuals to teach at the undergraduate level. Each individual must take internships for two semesters in order to demonstrate his ability to teach. These are supervised by professors from the major department and from higher education. Direct inquiries to Chairman, Department of History, Middle Tennessee State University, Murfreesboro, Tennessee 37130.

51. Home Economics — Florida State University. The program offers opportunities for advanced study and research in the areas of Clothing and Textiles, Food and Nutrition, Home Economics Education, Child Development, Family Relations, Family Economics, Housing. The areas of Home Economics Education and Home and Family Life afford experiences in urban and rural community program research and development as well as experience with local, state and federal

agencies. Direct inquiries to Dean, School of Home Economics, Florida State University, Tallahassee, Florida 32306.

52. Home Economics — University of Tennessee. An interdisciplinary approach which focuses on the development and integration of knowledge related to Home Economics and the innovative application thereof to the solution of the multilevel problems of society is used. Four concentrations are offered: Individual and Family Behavior, Physiological Development and Well-Being, Environmental Factors, and Consumers' Economics and Social Well-Being. Direct inquiries to Dean, College of Home Economics, University of Tennessee, Knoxville, Tennessee 37916.

53. Horticulture — Mississippi State University. The Department of Horticulture has graduate programs in Ornamental Horticulture and Fruit and Vegetable Food Science. A program in Landscape Architecture is also available. Laboratory facilities include a complete pilot processing plant for canning all types of food items, a steritort cooker of which there is only one other of its kind on a university campus, more than 25,000 square feet of scientific greenhouse space, several laboratories with sophisticated scientific equipment and three well equipped design studies. Direct inquiries to Chairman, Department of Horticulture, Mississippi State University, Mississippi State, Mississippi 39762.

54. Hospital and Health Administration — University of Alabama, Birmingham. The program begins each June with an optional precourse clerkship which consists of arranged employment in a health care facility during the summer months. Students attend an intensive orientation phase approximately two weeks prior to the beginning of the fall quarter. Upon completion of required course work, students spend nine to twelve months in residency training. Course work includes Hospital and Health Organization and Management I and II, Comprehensive Health Planning, Hospital and Health Law, Health Services Administration, Hospital Financial Management I and II, Human Relations in Health Care Administration, Problems in Hospital and Health Care Administration I and II, Hospital and Health Manpower and Labor Relations, Special Topics in Health Care Administration, and Health Economics. Direct inquiries to Graduate Program in Hospital and Health Administration, University of Alabama in Birmingham, Birmingham, Alabama 35294.

55. Hotel and Food Service Management — Florida International University. The program is designed to provide the candidate with the sophisticated techniques and skills needed for corporate and multi-unit executive positions. Organizations representing every segment of

the tourist industry are available as "practice laboratories" for the program. Courses are Organizational Behavior in the Hospitality Industry, Research and Statistical Methods, Financial Management for the Hospitality Industry, Seminar in Hospitality Management, Hospitality Industry Project, International Hotel Operations and The Organization and its Environment. Direct inquiries to School of Hotel, Food and Travel Services, Florida International University, Tamiami Trail at 107th Avenue, Miami, Florida 33144.

56. Immunology — University of Alabama, Birmingham. The objective of the program is to provide an intellectual ferment for those interested in immunology whether they be student, scientist, or teacher. The areas of interest are aging, transplantation, immune complex disease, allergy, inflammation, host defense, cancer and heart disease. Degrees are offered through the various cooperating departments. Direct inquiries to Chairman, Department of Microbiology, University Station, Birmingham, Alabama 35294

57. Industrial Design — Auburn University. The program is concerned primarily with the practical and aesthetic relation of products and systems to those who use them. The Industrial Designer as a leading member of a research and development team — composed of engineers, scientists and designers — is responsible for the product's shape, color, proportion, and texture, or for the optimum interaction between man and technology in a system. Design methods, product planning, visual statistics, materials, manufacturing methods, consumer psychology, and environmental studies are included in the courses of study. Direct inquiries to Chairman, Department of Industrial Design, Auburn University, Auburn, Alabama 36830.

58. International Studies — University of South Carolina. The program provides intensive training in international relations theory, history and practice of American foreign policy and economics combined with work on a particular region or topical specialty. Regional concentrations are available in Europe, Africa, Middle East, Latin America, China and the Far East, South and Southeast Asia. Topical fields of concentration include cross-national quantitative analysis of international relations, science and technology in international politics, and national security policies of major powers. Direct inquiries to Chairman, Department of Government and International Studies, University of South Carolina, Columbia, South Carolina 29208.

59. Latin American Studies — University of Alabama, University. The program is interdisciplinary in content. It is structured primarily as a terminal degree; one for students who are planning a career of service in Latin America or who will work with public or private institutions

in capacities that require a broad knowledge of Latin America, its people, and its languages. Direct inquiries to Director, Latin American Studies Program, University of Alabama, University, Alabama 35486.

60. Latin American Studies — University of Florida. This is an interdisciplinary area degree offered directly by the Center for Latin American Studies. The M.A. in Latin American Studies is intended primarily as a terminal degree for persons who, initially in their graduate program, are not aiming at a teaching career in traditional academic departments but who require a broad knowledge of Latin American cultures and appropriate language competence for their career objectives. Direct inquiries to Director, Center for Latin American Studies, 319 Grinton Hall, University of Florida, Gainesville, Florida 32611.

61. Marine Biology — University of Southern Mississippi. The program is offered in conjunction with the Gulf Coast Research Laboratory at Ocean Springs. It is designed broadly to enable the student to develop a capability for most areas of marine biology. Basic courses are offered at the University and those that treat specific marine subjects at the Laboratory. Direct inquiries to Director, Marine Biology Program, University of Southern Mississippi, Hattiesburg, Mississippi 39401.

62. Marine Law and Science — University of Mississippi. The program is offered for persons who are seeking a comprehensive knowledge of marine resources and whose vocational goals require an understanding of the development, conservation, and utilization of the physical, biological, or geological resources of the marine environment and the problems attendant upon them which cut across local, state, federal, and international lines. Admission to the program requires that the applicant hold an undergraduate degree in zoology, biology, geology, or a closely related scientific discipline and hold the first degree in law from an accredited school of law. Direct inquiries to Director, Marine Law and Science Program, University of Mississippi, University, Mississippi 38677.

63. Marine Science — College of William and Mary. The School of Marine Science is a joint venture of the College and the Virginia Institute of Marine Science. Located at Gloucester Point on the York River, an important estuary with easy access to Chesapeake Bay and the nearby Atlantic, the Institute is admirably situated to conduct research and teaching in marine, estuarine, and freshwater biology and general hydrography. Majors in Biological Oceanography (Marine Biology), General Oceanography (Physical, Chemical or Geological areas) and Fisheries Oceanography (Marine Fisheries Biology) are available. Direct inquiries to Dean, School of Marine Science, College of William and Mary, Williamsburg, Virginia 23185.

64. Materials Science — University of Virginia. The program is approached through the study of unifying concepts with the aim of obtaining a deep insight into underlying principles which permits one not only to reach a thorough understanding of presently available materials but is essential in any attempt to develop or select materials for specialized future applications. In teaching and research, principles governing the properties of materials are stressed. These involve macroscopic and microscopic viewpoints. The macroscopic approach is exemplified in thermodynamics, statistical mechanics, and electronic band theory, while in the microscopic viewpoint attention is focused on the forces which act between atoms and molecules. Direct inquiries to Dean, School of Engineering and Applied Science, University of Virginia, Charlottesville, Virginia 22903.

65. Medicinal Chemistry — University of Maryland, Baltimore. The Department of Medicinal Chemistry is currently located in a more than 10,000 foot space of the newly renovated Allied Health Professions Building. The program has up-to-date facilities for synthetic, analytical and biochemical research which includes nuclear magnetic resonance and GC mass spectrometers, isotope laboratories as well as analog and digital computers. Direct inquiries to Chairman, Department of Medicinal Chemistry, School of Pharmacy, University of Maryland, 636 W. Lombard Street, Baltimore, Maryland 21201.

66. Metallurgical Engineering — University of Tennessee. The program includes working with powders and polymers. Advanced courses and research opportunities are provided in materials, phase transformations, mechanical metallurgy, electron microscopy, crystal properties and growth, behavior of solid polymers, radiation effects in solids, welding metallurgy, etc. Research may be carried out either in Knoxville or at Oak Ridge. Direct inquires to Chairman, Department of Metallurgical Engineering, University of Tennessee, Knoxville, Tennessee 37916.

67. Metallurgical Engineering and Materials Science — University of Kentucky. Areas of concentration include Physical Metallurgy; Mechanical, Chemical and Electronic Properties; Metal Deformation Processing Electron, X-ray and Field Ion Microscopy; Ultra-high Vacuums and High Pressures; Metals, Ceramics and Polymers. Basic departmental courses emphasize thermodynamics, diffraction theory, chemical and mechanical properties of solids. Direct inquiries to Chairman, Department of Metallurgical Engineering and Materials Science, University of Kentucky, Lexington, Kentucky 40506.

68. Microbiology/Anaerobic Organisms — Virginia Polytechnic Institute and State University. This anaerobic laboratory was established to serve as a reference information center on anaerobic bacteria. The

objective of this program is to carry out research on methods for anaerobic culture, analysis of cellular properties including DNA homology, cell composition, infectivity, electron microscopy, biochemical and chromatographic characterization and identification with emphasis on clinically important species. Studies also include the human and animal normal flora in relationships to colon cancer and infection. Direct inquiries to Director, Anaerobic Laboratory, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

69. Mineral Engineering — University of Alabama, University. The program includes environmental analyses, system analysis, water resources considerations, fuel utilization, petroleum production, design problems, and research. Direct inquiries to Department of Civil and Mineral Engineering, Box 1468 University of Alabama University, Alabama 35486.

70. Music — University of Mississippi. The Doctor of Arts degree program in Music has been designed to prepare college teachers who possess a comprehensive knowledge of music and an ability to operate effectively as classroom teachers. Unlike the Doctor of Philosophy degree in which the primary emphasis is placed upon research, the Doctor of Arts degree program places stress upon the breadth of the candidate's knowledge and the attainment of teaching skills. Direct inquiries to Chairman, Department of Music, University of Mississippi, University, Mississippi 38677.

71. Music — West Virginia University. The program is offered with areas of specialization in Performance (Voice, Piano, Organ) and Literature and in Composition. It is offered through the Division of Music, which is housed in a new $10-million fine arts facility. The goal of the program is to produce an artist-teacher of collegiate applied music. The content of the program is designed to be quite flexible in the attainment of these goals. Direct inquiries to Dean, School of Music, West Virginia University, Morgantown, West Virginia 36506.

72. Music — West Virginia University. The program is offered with areas of specialization in Musicology, Theory and Music Education. It is offered through the Division of Music, which is housed in a new $10-million fine arts facility. The goal of the program is to prepare a college music teacher grounded in scholarly research. The content of the program is designed to be quite flexible in the attainment of these goals. Direct inquiries to Dean, School of Music, West Virginia University, Morgantown, West Viriginia 36506.

73. Music Education — University of Southern Mississippi. The Departments of Music and Music Education offer graduate courses leading to the specialist's degree in the instrumental, choral, and elementary

school music areas. As a sixth year program, the specialist's degree curriculum presupposes a master's degree in music or music education. Direct inquires to Director, Music Education Program, University of Southern Mississippi, Hattiesburg, Mississippi 39401.

74. Music Education — University of North Carolina, Greensboro. The program is unique in the sense that it is the only one of its type offered in the geographical area between Pennsylvania and Georgia. It provides leadership training for both teachers in public and private lower schools and for those serving higher education. Direct inquiries to Dean, School of Music, University of North Carolina, Greensboro, North Carolina 27412.

75. Music Education, Theory and Performance — University of Kentucky. Basic courses include those involving research technics, stylistic analysis and study of periods, genres, music theory, and special subjects. The program offers a development as a specialist in a particular field of musical interest, usually more closely allied with performance or pedagogy. Here applied courses are not only in order, but required if the student is specializing in performance. Direct inquiries to Dean, School of Music, University of Kentucky, Lexington, Kentucky 40506.

76. Music Performance — Florida State University. The basic objective of the program is to prepare advanced students for performance careers. Advanced instruction is offered in a variety of contexts. solo, small ensembles, choruses (7), orchestra (2), bands (6), an opera company and workshop studio. Performances are on an advanced level both as to proficiency and artistry. Direct inquiries to Dean, School of Music, Florida State University, Tallahassee, Florida 32306.

77. Musicology — University of Kentucky. Basic courses include those involving research technics, stylistic analysis and study of periods, genres, music theory, and special subjects. The program is a humanistic discipline, concentrating upon music research of a historical and/or theoretical nature. Thorough knowledge of all periods of music from antiquity to the present is required as well as practicum competencies, e.g., keyboard proficiency. Direct inquiries to Dean, School of Music, University of Kentucky, Lexington, Kentucky 40506.

78. Mycology - Mycotoxicology — Auburn University. The program provides graduate study in mycotoxicology, sanitary and mold microbiology, fungal ecology and epidemiology, and microbial physiology in individual and interdisciplinary areas involving fungi harmful to man and his domesticated animals. Major activities include the determination and identification of toxic fungal metabolites ubiquitous to moldy grains, peanuts, hay, and mixed feeds and feedstuffs. Course content

includes a core concerned with the biology, classification, ecology, epidemiology, identification, and physiology of fungi. Direct inquiries to Director, Mycology - Mycotoxicology Program, Auburn University, Auburn, Alabama 36830.

79. Natural Resource and Environmental Economics — Clemson University. The program includes the following graduate courses: Land Economics, Water Resource Policies, Problems in the Economics of Waste Disposal and Management, Seminar in Marine Resources Management, Seminar in Resource Economics, Welfare Economics, and Seminar in Community Goods and Environmental Quality. Related courses in city planning, water resources engineering, environmental engineering, and several biological sciences are available to interested and qualified students. Direct inquiries to Chairman, Department of Agricultural Economics and Rural Sociology, Clemson University, Clemson, South Carolina 29631.

80. Neurosciences — University of Alabama, Birmingham. The purposes and goals of the program are to build a center of excellence in the study of the central nervous system both with regard to basic science and clinical investigation of mental illness, mental retardation, epilepsy, disorders of sleep, stroke, multiple sclerosis, alcoholism, drug abuse and others. Graduate degrees with programs related to neurosciences offered through Departments of Pharmacology, Biochemistry, Anatomy, Physiology and Biophysics and others are in this program. Direct inquiries to Chairman, Department of Neurosciences, University of Alabama Birmingham, Alabama 35294.

81. Nuclear Engineering — Georgia Institute of Technology. The program provides emphasis in the areas of reactor engineering, reactor operations, nuclear fuels engineering, energy systems engineering, computer applications, nuclear power management, radiation technology, environmental engineering, radiological health physics and health physics. Direct inquiries to School of Nuclear Engineering, Georgia Institute of Technology, Atlanta, Georgia 30332.

82. Nuclear Engineering — North Carolina State University. The program is designed to prepare the highly-qualified manpower needed to meet the nation's growing requirements for energy. A unique one-megawatt nuclear reactor that is almost identical in type to modern power reactors is available for student learning, research on nuclear safety, and for specialized studies such as neutron activation analysis of environmental pollution. A multicurie cobalt-60 gamma ray facility provides radiation for a variety of physical and biological investigations. Direct inquiries to Head, Department of Nuclear Engineering, North Carolina State University, Raleigh, North Carolina 27607.

83. Nuclear Engineering — University of Tennessee. Areas of concentration in the program are: reactor analysis and design; interaction of radiation with matter; dynamics, control, instrumentation and safety; and energy transfer. Facilities for research are available to students at both the University Nuclear Engineering Laboratory and at the Oak Ridge National Laboratory. Direct inquiries to Chairman, Department of Nuclear Engineering, University of Tennessee, Knoxville, Tennessee 37916.

84. Nuclear Engineering Sciences — University of Florida. The departmental objectives are to conduct an education and research program in those fields of engineering and science directly concerned with the release, control and utilization of all types of energy from nuclear processes. This includes the design and development of fission and fusion reactor systems, the diverse applications of radiation in medicine, environmental sciences and the various branches of engineering as well as the development and application of techniques for the safe utilization of radiation. Direct inquiries to Chairman, Department of Nuclear Engineering Sciences, 202 Nuclear Science Center, University of Florida, Gainesville, Florida 32611.

85. Nuclear Science and Engineering — Virginia Polytechnic Institute and State University. The major thrust of the program is education and research in nuclear power engineering and closely related subjects in response to the growing demand for nuclear engineers in the electric utility industry and its suppliers. The program emphasizes research in advanced reactor analysis and in-core fuel management; application of hybrid computers to nuclear power plant simulation, monitoring and control application of modern control theory to nuclear power plants; neutron physics; neutron activation analysis and transport theory. Direct inquiries to Chairman, Nuclear Science and Engineering Program, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

86. Nursing — University of Maryland, Baltimore. The program is basically organized around two main areas: expanding and strengthening knowledge and skill in selected clinical fields and gaining knowledge and experience in certain types of roles through which the clinical content is applied. Students select one of four "tracks" within the clinical component: Community Health Nursing, Maternal-Child Health Nursing, Medical-Surgical Nursing and Psychiatric Nursing. Direct inquiries to Dean, School of Nursing, University of Maryland, Baltimore, Maryland 21201.

87. Nutrition — Clemson University. The objective of the program is to educate nutritional scientists in human or animal nutrition and professional nutritionists in public health nutrition. The program is unique in

the following ways: 1) the interdepartmental nature of programs providing for unhampered interdisciplinary approach to any basic or applied nutritional problem, 2) the close cooperation between the Food Science Department and the Nutrition Program that has been encouraged by the awareness that these disciplines should work together in the creation of new foods, and 3) the close cooperation between the reproductive physiology program and the Nutrition Program to study the effects of diet on embryonic development. Direct inquiries to Chairman, Nutrition Graduate Programs, Clemson University, Clemson, South Carolina 29631.

88. Occupational Safety and Health — Auburn University. The program is the only engineering based graduate occupational safety and health program in the country. It builds on a student's basic Industrial Engineering background to prepare him to function in the following topic areas: 1) identification and evaluation of OSH conditions, practices, and loss potential factors; 2) analysis, design, and implementation of OSH control methods, procedures, and programs. Direct inquiries to Chairman, Department of Industrial Engineering, Auburn University, Auburn, Alabama 36830.

89. Ocean Engineering — Florida Atlantic University. The program provides Master level study for baccalaureates having prior preparation in engineering or the physical sciences in four ocean-oriented optional subspecialties; oceanographic processes, materials and corrosion, underwater communications and acoustics, and ocean structures. Direct inquiries to Chairman, Department of Ocean Engineering, Florida Atlantic University, Boca Raton, Florida 33432.

90. Oceanography — Old Dominion University. Among the various fields of oceanography the program emphasizes the study of waves, tides, and currents, sound and light in the sea, sediment transport in the ocean, pollution monitoring and control, beach erosion and stabilization problems, marine algae, fungi, and plankton. The Institute of Oceanography occupies a 20,000 square foot building with eight laboratories. A sixty-five foot oceanographic vessel owned and operated by the University is docked nearby at the Naval Amphibious Base. Smaller vessels are also available. Investigators with need for larger ships have access to nearby vessels. Direct inquiries to Dean, Graduate Studies, Old Dominion University, Norfolk, Virginia 23508.

91. Oral Biology — University of Alabama, Birmingham. Applicants for graduate study in oral biology usually will have dental degrees. Courses offered include Oral Biology, Research Approaches in Oral Biology, Trends in Oral Biology, Biology of Mammalian Salivary Glands, Oral Microbiology and Immunology, Biochemistry of Connective Tissue and Bone, Biochemistry and Biophysics of Teeth, Techniques in

Human Clinical Research, Current Topics in Mineral Metabolism, Laboratory Research Techniques, Nutritional Biochemistry, and Growth and Development. Direct inquiries to Chairman, Department of Oral Biology, University of Alabama in Birmingham, School of Dentistry, University Station, Birmingham, Alabama 35294.

92. Organizational Psychology — University of Tennessee. The program is offered jointly by the Departments of Psychology and Industrial and Personnel Management. It is designed to prepare students for personnel, managerial, and organizational research, for university teaching, and for consulting relationships with industry. The emphasis is upon applied research utilizing a thorough theoretical background, including classical and modern organizational theory, organizational behavioral psychology, and industrial management. Direct inquiries to Assistant Dean for Graduate Programs, College of Business Administration, The University of Tennessee, Knoxville, Tennessee 39716.

93. Performing Arts and Pedogogy — University of Southern Mississippi. The program provides a doctoral degree for performers in various musical activities including voice, organ, woodwinds, brass, etc., which is equivalent to the Ph.D. for research oriented persons. It is for the "career" oriented musician. It is a joint venture of the Departments of Music and Music Education. Direct inquiries to Chairman, Department of Music, University of Southern Mississippi 39401.

94. Petroleum Engineering — Mississippi State University. The objective of the program is to produce a graduate able to perform and compete in the petroleum production industry and further able to expand his own knowledge and technical competency through self-study. The course content is directed toward the general area of analysis of reservoir mechanisms and design of procedures to enhance oil and gas recovery. Direct inquiries to Chairman, Department of Petroleum Engineering, Mississippi State University, Mississippi State, Mississippi 39762.

96. Philosophy — University of Arkansas. Fields of specialization are history of philosophy, metaphysics, epistemology, ethics, political and social philosophy, and philosophy of religion. Direct inquiries to Chairman, Department of Philosophy, University of Arkansas, Fayetteville, Arkansas 72701.

97. Physical Education — Middle Tennessee State University. The Doctor of Arts degree is specifically designed to train individuals to teach at the undergraduate level. Each individual must take internships for

two semesters in order to demonstrate his ability to teach. These are supervised by professors from the major department and from higher education. Direct inquiries to Chairman, Department of Health, Physical Education, Recreation and Safety, Middle Tennessee State University, Murfreesboro, Tennessee 37130.

98. Physical Therapy — Medical College of Virginia, Virginia Commonwealth University. The MCV/VCU program is designed to meet the needs of many practicing physical therapists who want to increase their skills and competencies in specialized aspects of their profession. Typical goals might include specialization as a clinician, educator, researcher, consultant, or administrator with expertise in a basic science or in a clinical specialty. Advanced courses are offered in human motion, clinical specialties, allied health administration, and allied health education. Direct inquiries to Director, Physical Therapy Program, Health Science Division, Virginia Commonwealth University, Richmond, Virginia 23220.

99. Plasma Physics — University of Maryland, College Park. Graduate study and research in plasma physics emphasize theoretical and experimental investigations of basic properties of high temperature ionized gases. The theoretical program is concerned with instabilities, structure of turbulence, turbulent heating, structure of collisionless shock waves and various aspects of the theory of plasma measurements. Experimental studies are concerned with the creation, confinement, stability, heating, and diagnostics of such plasmas in relation to controlled thermonuclear fusion, space physics, and astrophysics. Direct inquiries to Department of Physics and Astronomy, University of Maryland, College Park, Maryland 20742.

100. Political Science — University of Mississippi. The Doctor of Arts degree program in political science is offered to persons whose goal is teaching. The purpose of the program is to prepare the student to be broadly competent in the fields of political science and to provide him with skill in effective classroom teaching. Although the program is not research oriented, the student will be expected to become familiar with the work of research scholars in the political science fields. Direct inquiries to Chairman, Department of Political Science, University of Mississippi, University, Mississippi 38677.

101. Polymer Science — University of Southern Mississippi. The program is designed for students holding baccalaureate degrees in chemistry, physics, and engineering as well as in polymer chemistry. Graduates are trained for research development and teaching positions in this rapidly growing field. Direct inquiries to Chairman, Department of Polymer Science, University of Southern Mississippi, Hattiesburg, Mississippi 39401.

102. Public Health and Epidemiology — University of Alabama, Birmingham. Study will be required in three or four of the following specific subjects, all of which are directly or indirectly parts of the broader field of public health: Epidemiology, Public Health Practice and Administration, Medical Care Administration, Maternal and Child Health, Health Education, Biostatistics, Occupational Health, Hospital Administration, Microbiology (including Parasitology), Rehabilitation, Mental Health, Human Genetics, Environmental Sanitation, Dental Public Health, Public Health Nursing. Appropriate field training is also required. Direct inquiries to Chairman, Department of Public Health and Epidemiology, University of Alabama in Birmingham, Birmingham, Alabama 35294.

103. Radio Astronomy — University of Maryland, College Park. A full schedule of courses in all fields of astronomy is offered, including galactic astronomy, astrophysics, solar system astronomy, observational astronomy, celestial mechanics, solar physics, study of the interstellar medium and extra-galactic astronomy. The program has a large radio telescope array at Clark Lake, California, and also makes extensive use of the large telescopes available at the National Radio Astronomy Observatory located 250 miles away in Green Bank, West Virginia. Direct inquiries to Astronomy Program, University of Maryland, Space Science Building, College Park, Maryland 20742.

104. Seed Technology — Mississippi State University. The Seed Technology Laboratory is a section of the Agronomy Department with natural and close linkage to the Department of Agricultural Engineering. Six specialized courses in the area of seed technology are offered: Seed Production, Seed Analysis, Seed Processing, Seed Technology, Seed Plant Design and Management, and Seed Physiology. Direct inquiries to Head, Agronomy Department, Mississippi State University, P. O. Box 5248, Mississippi State, Mississippi 39762.

105. Speech and Hearing Sciences — University of Tennessee. The program is research oriented with primary emphasis upon developing the scientific and cognitive skills which allow individuals to identify and independently study important questions concerning the human act of oral and aural communication. Special research is carried out in low frequency hearing studies and in a noise laboratory to study noise damage to the ear. Direct inquiries to Department of Audiology and Speech Pathology, University of Tennessee, Knoxville, Tennessee 37916.

106. Systems Science — University of Louisville. The program is interdisciplinary. It provides qualified individuals who can solve the complex interactive problems of man, nature, technology and society through the application of a general systems approach. The program takes students trained in areas such as Sociology or Education and provides them with an increased knowledge in their own field and in closely related fields and with a firm basis in the area of systems science (general systems theory, systems dynamics, mathematics, and techniques of systems analysis, etc.). Direct inquiries to Dean of the Graduate School, University of Louisville, Louisville, Kentucky 40208.

107. Textile and Polymer Science — Clemson University. The objective is to produce graduates capable of original, independent research. The basic courses are Polymer Science (structure and properties of polymers, synthesis and degradation), Textile Science (fiber and fiber assemblies properties), and Textile Chemistry (chemical phenomena affecting textiles, dyeing, finishing, modifying textiles). Direct inquiries to Director, Textile and Polymer Science Program, Clemson University, Clemson, South Carolina 29631.

108. Textile Science — Auburn University. The program prepares students for positions as university teachers; university, government, industrial researchers; and consumer education and consumer protection agents. Program content includes textile chemistry and textile science, research methods, statistics, and polymer chemistry. Direct inquiries to Head, Department of Consumer Affairs, School of Home Economics, Auburn University, Auburn, Alabama 36830.

109. Textile Science — Clemson University. The objective is to produce graduates capable of independent research. The basic courses are in the fields of Polymer Science, Fiber Science, Textile Technology, and Color Science. Direct inquiries to Director, Textile Science Program, Clemson University, Clemson, South Carolina 29631.

110. Theatre Arts — Florida State University. The M.F.A. program is designed for the student of superior artistic ability who plans to go into professional creative work in theatre. Florida State's M.F.A. program offers two unique features: 1) the core program of individual study; and 2) the opportunity to practice your art with the Asolo State Theatre Company, Florida State's professional repertory company in Sarasota. The Ph.D. in theatre is a research degree, the program of which is dedicated to perfecting individual skills in theatre scholarship. The end goal is the creation of a written body of new information which can provide a unique contribution to a significant area of the theatre. Direct inquiries to Dean, School of Theatre Arts, Florida State University, Tallahassee, Florida 32306.

111. Toxicology — Auburn University. The program is designed to prepare students for careers in crime labs, hospital labs, industrial toxicology labs, public health centers and environmental control labs. Basic courses include Toxicology--Fundamentals of Toxicology, Toxicological Methods—Analytical Methods of Toxicology, Advanced Toxicology—Mechanisms of Action of Poisons and Antidotes, Use of Instrumentation, and Forensic Toxicology—Medical Jurisprudence and Chain of Evidence. Direct inquiries to Chairman, Department of Toxicology, School of Pharmacy, Auburn University, Auburn, Alabama 36830.

112. Toxicology — University of Kentucky. The objective of the program is to acquaint students with the various toxicological principles as they relate to problems arising from the complexities of modern society. The students are introduced to general pharmaco- and toxicogenetics, selective toxicity, etc. Thereafter, the following toxicological topics are discussed in particular: agricultural toxicology, veterinary toxicology, insect toxicology, clinical human toxicology, drug toxicity, environmental and ecology toxicology, occupational toxicology, and experimental toxicology. Direct inquiries to Chairman, Department of Toxicology, University of Kentucky, Lexington, Kentucky 40506.

113. Transportation — University of Alabama, University. The program includes studies of the transportation systems, the economic principles, the operating practices, and the regulatory policies of the various systems, the functions of transportation in the production and distributions of goods, and the public interest problems created by transportation. Direct inquiries to Chairman, Department of Transportation, Graduate School of Business, University of Alabama, University, Alabama 35486.

114 Transportation and Logistics — University of Tennessee. Special courses are available in transportation logistics, transportation management, distribution strategy, economic regulation, and transportation policy. A faculty of six professors provide a variety of specialties. The department cooperates closely with the University's interdisciplinary Transportation Center, which provides opportunities for participation in many research and public service projects involving land, air, and water aspects of modern transportation. Direct inquiries to Chairman, Department of Transportation, School of Business Administration, University of Tennessee, Knoxville, Tennessee 37916.

115. Urban and Regional Planning — Florida State University. At the Master's level, the program seeks to produce a graduate with professional competence in comprehensive community planning. The doctoral program seeks to foster the scholarly attainments that are necessary for critically examining the nature of planned change and for conduct-

ing independent research in areas related to urban and regional fields. The objectives are an expansion of the body of knowledge concerning the urban system, the establishment of means for influencing the direction of change, and an enhancement of the capacity to intervene effectively in the process of transforming large segments of the urban environment. Direct inquiries to Chairman, Department of Urban and Regional Planning, Florida State University, Tallahassee, Florida 32306.

116. Water Pollution Ecology — Virginia Polytechnic Institute and State University. The program is interdisciplinary involving faculty in Biology, Civil Engineering, Geology, Urban and Regional Planning, Chemistry, Physics, Forestry, and Wildlife. The prime objective of the program is to develop "problem solvers." Particular emphasis is placed on pollution assessment, waste treatment, structure and function of aquatic communities, bioassays and evaluation of toxicants, and the problems of pollution control legislation. Close associations are maintained with many industrial firms and federal agencies for the purpose of involving students in the solving of specific pollution problems. Direct inquiries to Head, Department of Biology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

117. Wood and Paper Science — North Carolina State University. The objective of the program is to provide education in the utilization of wood and its processing through an applied science approach which brings to bear the various disciplines of the natural sciences, mathematics, engineering, and economics in an understanding of wood and its processing from a mechanical and physical aspect. The program prepares people for technical work in the pulp and paper industry, and chemical utilization of wood. Direct inquiries to Chairman, Department of Wood and Paper Science, North Carolina State University, Raleigh, North Carolina 27607.

118. Wood Science and Technology — Mississippi State University. Major areas of study include fluid relations, pathology, carbohydrate chemistry, mechanical properties, anatomy, treatments and coating, and wood processing operations. A background in either organic and physical chemistry, industrial engineering, business, or other areas is required of students, depending upon career objectives. Direct inquiries to Chairman, Department of Wood Science and Technology, Mississippi State University, Mississippi State, Mississippi 39762.